



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: **Kyoya FUKUDA et al.**

Group Art Unit: **2828**

Serial No.: **10/811,142**

Examiner: **Unassigned**

Filed: **March 29, 2004**

Confirmation No.: **8466**

For: **LASER FREQUENCY STABILIZATION DEVICE AND A METHOD FOR
LASER FREQUENCY STABILIZATION**

Attorney Docket No.: **042132**
Customer Number: **38834**

INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 CFR 1.97(b)

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

July 8, 2004

Sir:

Applicants direct the attention of the Patent and Trademark Office to the document listed on the attached Form PTO-1449. A copy of each listed document is attached.

No fee or certification is required in connection with this Information Disclosure Statement, because it is being submitted prior to the issuance of a first official action on the merits or expiration of the three month period following the filing date or the entry of the national stage of the above-captioned application.

The above information is presented so that the Patent and Trademark Office can, in the first instance, determine any materiality thereof to the claimed invention. Applicant respectfully requests that the information be expressly considered during the prosecution of this application and that the documents cited in the attached Form PTO-1449 be made of record therein and appear on the first page of any patent to issue therefrom.

Information Disclosure Statement
Attorney Docket No. 042132
Serial No. 10/811,142

The Commissioner is authorized to charge our Deposit Account No. 50-2866 for any fee that is required to effect consideration of this statement.

Respectfully submitted,

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Enclosures: PTO-1449, 11 references

INFORMATION DISCLOSURE CITATION PTO-1449	Atty. Docket No. 042132	Serial No. 10/811,142
	Applicant(s): Kyoya FUKUDA et al.	
	Filing Date: March 29, 2004	Group Art Unit: 2828

U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Name	Date	Class	Subclass	Filing Date (If appropriate)
	AA					
	AB	JUL 08 2004				

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Country	Translation (Yes or No)
AC	10-284772	10/23/1998	Japan	Yes (Abstract Only), see page 6 in the spec.
AD	2001-285064	10/12/2001	Japan	Yes (Abstract Only), see page 6 in the spec.
AE	2002-76890	03/15/2002	Japan	Yes (Abstract Only), see page 6 in the spec.

OTHER DOCUMENTS

Examiner Initial			cited page in the spec.
	AF	Talvitie, H. et al., "Frequency stabilization of a diode laser to Doppler-free spectrum of molecular iodine at 633nm", Optics Communications, 152 (Elsevier Science B.V.) , pp. 182-188 (June 15, 1998)	Pages 1, 10
	AG	Ohshima, S., et al., "Spectral width of saturated absorption spectra of Cs with a laser diode", IEEE Journal of Quantum Electronics, Vol. QE-23, No. 5, pp. 473-475 (May 1987)	Page 1
	AH	Tanaka, U. et al., "Frequency stabilization of diode laser using external cavity and Doppler-Free atomic spectra", Japanese Journal of Applied Physics, Vol. 33, Part 1, No. 3B, pp. 1614-1622, (March 1994)	Page 1
	AI	Li, R. N. et al., "Frequency-stabilization of a diode laser with ultra-low power through linear selective reflection", Optics Communications, 146 (Elsevier Science B.V.), pp. 186-188 (January 15, 1998)	Page 1
	AJ	Briaudeau, S. et al., "Coherent Doppler narrowing in a thin vapor cell: Observation of the Dicke regime in the optical domain", Physical Review A, Vol. 57, No. 5 (The American Physical Society), pp. R3169-R3172 (May 1998)	Page 2
	AK	Izmailov, A. C., "Manifestations of sub-Doppler structure of the spectral lines of gas particles in the radiation of a traveling monochromatic pump wave" Opt. Spectrosc. 74 (1), 41-48 (The Optical Society of America), pp. 25-29 (January 1993)	Page 2
	AL	Tachikawa, M. et al., "Sub-Doppler spectroscopy of Cs atoms optically pumped in a thin cell", Japanese Journal of Applied Physics, Vol. 37, Part 2, No. 12B, pp. L1556-L1559 (December 1998)	Page 2
	AM	OTAKE, M. et al., "High-resolution spectroscopy of velocity-selected atoms in a thin cell", Applied Physics B - Lasers and Optics, 74, pp. 503-508 (2002)	Page 2
Examiner		Date Considered	